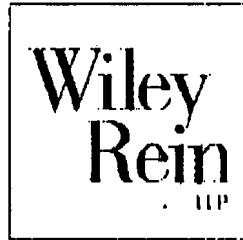


MAY 18 2007

1776 K STREET NW  
WASHINGTON, DC 20006PHONE 202.719.7000  
FAX 202.719.7049

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| Examiner Carl H. Layno<br>Art Unit 3766<br>U.S. Patent & Trademark Office | 571-273-8300  | 571-272-4949              |
| FROM  | Scott Felder  | PHONE NUMBER 202.719.7029 |
| DATE  | May 18, 2007  | PAGES TO FOLLOW 15        |
| USER NUMBER   | CLIENT NUMBER | 82410.0067                |

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Per your request of May 18, 2007, resubmitted and attached hereto are the following:

- (1) Auto-Reply Facsimile Transmission dated April 19, 2007 (1 page)
  - (2) Transmit Confirmation Report dated April 19, 2007 (1 page)
  - (3) Wiley Rein LLP Facsimile Cover Sheet dated April 19, 2007 (1 page)
  - (4) Transmittal Form PTO/SB/21 dated April 19, 2007 with Certificate of Transmission/Mailing (1 page)
  - (5) Amendment and Response Under 37 C.F.R. §1.116 (11 pages)
- It is believed that no additional extensions or fees are due.

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| TO USPTO EBC   |                    | FAX NUMBER 571.278.2000 PHONE NUMBER |  |      |  |
| FROM   | J. A. Feltner, Jr. |                                      | PHONE NUMBER                           |      |  |
| DATE   | 4/19/07            |                                      | PAGES TO FOLLOW 12                     |      |  |
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P.1

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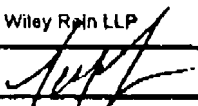
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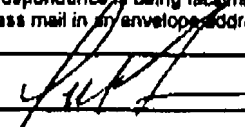
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|--|----------------------|------------------------|------------------------|
| <b>TRANSMITTAL<br/>FORM</b>                              | Application Number   | 10/568,878             |                        |
|  | Filing Date          | September 22, 2003     |                        |
|  | First Named Inventor | Michael JOHNSON        |                        |
|  | Art Unit             | 3786                   |                        |
|  | Examiner Name        | Eric D. Bertram        |                        |
| (to be used for all correspondence after initial filing) |                      | Attorney Docket Number | 08-045000US/82410-0067 |
| Total Number of Pages in This Submission                 |                      | 11                     |                        |

| ENCLOSURES (Check all that apply)  |  |   |
|--|--|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input checked="" type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Reply to Missing Parts/<br>Incomplete Application<br><input type="checkbox"/> Reply to Missing Parts<br>under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a<br>Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation<br>Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____<br><input type="checkbox"/> Landscape Table on CD | <input type="checkbox"/> After Allowance Communication to TC<br><input type="checkbox"/> Appeal Communication to Board<br>of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to TC<br>(Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify<br>below). |
| Remarks _____  |  |   |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT |   |        |        |
|--|---|--------|--------|
| Firm Name                                  | Wiley Rein LLP  |        |        |
| Signature                                  |  |        |        |
| Printed name                               | Scott A. Felder   |        |        |
| Date                                       | April 18, 2007  | Reg No | 47,558 |

| CERTIFICATE OF TRANSMISSION/MAILING   |   |      |                |
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| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: |   |      |                |
| Signature   |  |      |                |
| Typed or printed name   | Scott A. Felder   | Date | April 18, 2007 |

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Reply Under 37 C.F.R. § 1.116  
Expedited Procedure-TC 3768

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/668,876 Confirmation No. 3815  
Applicant : Michael JOHNSON  
Filed : September 22, 2003  
Title : A CATHETER HAVING ELECTRODES WITH AN  
ARBITRARY SHAPE AND METHOD OF MANUFACTURE  
TC/AU : 3768  
Examiner : Eric D. Bertram  
Docket No. : 0B-045000US/82410-0067  
Customer No. : 55962

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE UNDER 37 C.F.R. § 1.116**

Sir:

This paper responds to the final Office action mailed January 30, 2007 ("the Office action"). Applicant respectfully requests reconsideration and allowance of the above-identified patent application in light of the following.

**Amendments to the Claims** are reflected in the listing of claims beginning on page 2 of this paper.

**Remarks** begin on page 7 of this paper.